

PTO/SB/21 (09-04)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

9

Application Number

10/817,389

Filing Date

04/02/2004

First Named Inventor

Huey M. Nguyen

Art Unit

2817

Examiner Name

Choe, Henry

Attorney Docket Number

RB1-030USC2 (RA226.D1C1.US)

ENCLOSURES (Check all that apply)

| | | |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | 1 Page Form PTO/SB/82 |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | 1 Page Form PTO/SB/96 |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | 6 Pages Copy of Filed Assignment |
| <input type="checkbox"/> Reply to Missing Parts/Incomplete Application | <input type="checkbox"/> Landscape Table on CD | Return Receipt Postcard |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Remarks | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|---|----------|--------|
| Firm Name | Silicon Edge Law Group LLP, Arthur J. Behiel, Patent Attorney | | |
| Signature | | | |
| Printed name | Arthur J. Behiel | | |
| Date | July 26, 2005 | Reg. No. | 39,603 |

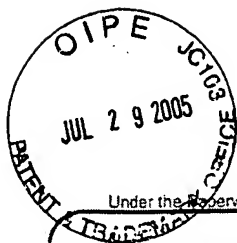
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

| | | | |
|-----------------------|---------------|------|---------|
| Signature | | | |
| Typed or printed name | Laurie Moreno | Date | 7/26/05 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/82 (04-05)

Approved for use through 11/30/2005. OMB 0651-0035

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**REVOCATION OF POWER OF
ATTORNEY WITH
NEW POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS**

| | |
|------------------------|------------------------------|
| Application Number | 10/817,389 |
| Filing Date | 04/02/2004 |
| First Named Inventor | Huey M. Nguyen |
| Art Unit | 2817 |
| Examiner Name | Choe, Henry |
| Attorney Docket Number | RB1-030USC2 (RA226.D1.C1.US) |

I hereby revoke all previous powers of attorney given in the above-identified application.☐ A Power of Attorney is submitted herewith.**OR**☒ I hereby appoint the practitioners associated with the Customer Number:

38,489

☒ Please change the correspondence address for the above-identified application to:☒ The address associated with
Customer Number:

38,489

OR☐ Firm or
Individual Name

Address

City

State

Zip

Country

Telephone

Email

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Signature

Name

Date

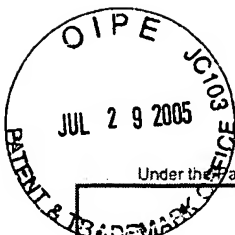
Telephone

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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PTO/SB/96 (09-04)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Rambus Inc.

Application No./Patent No.: 10/817,389 Filed/Issue Date: 04/02/2004

Entitled: Collective Automatic Gain Control

Rambus Inc., a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Signature]
Signature
Jose G. Maniz

July 25, 2005
Date
650-947-5000

Printed or Typed Name
Intellectual Property Manager
Title

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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RECORDATION FORM COVER SHEET

PATENTS ONLY RAZZUDICI.US

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Huey M. Nguyen
Benedict C. Lau
Leung Yu
Jade M. Kizer
Roxanne T. Vu

Execution Date(s) June 21, 2001

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Rambus Inc.

Internal Address: _____

Street Address: 4440 El Camino Real

City: Los Altos

State: California

Country: USA

Zip: 94022

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

6,727,759

Entitled, "Collective Automatic Gain Control"

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Silicon Edge Law Group LLP

Internal Address: Arthur J. Behiel, Patent Atty.

Street Address: 6601 Koll Center Parkway

Suite 245

City: Pleasanton

State: California

Zip: 94566

Phone Number: 925-621-2113

Fax Number: 925-621-2114

Email Address: Art@SiliconEdgeLaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

July 25, 2005

Date

Arthur J. Behiel

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventorship Nguyen et al.
 Applicant Rambus Inc.
 Attorney's Docket No. RB1-030US
 Title: Collective Automatic Gain Control

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Huey M. Nguyen
 4928 Scarlett Way
 San Jose, CA 95111

Benedict C. Lau
 630 Celebration Court
 San Jose, CA 95134

Leung Yu
 2952 Gala Court
 San Jose, CA 95051

Jade M. Kizer
 1075-197 Space Park Way
 Mountain View, CA 95043

Roxanne T. Vu
 5816 Southview Drive
 San Jose, CA 95138

Assignee:

Rambus Inc.
 A Corporation in the State of Delaware
 4440 El Camino Real
 Los Altos, CA 94022

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention
 entitled "Collective Automatic Gain Control," as described and claimed in the

1 specification forming part of an application for United States letters patent
2 executed herewith;

3 WHEREAS, Rambus Inc. (hereinafter referred to as ASSIGNEE), a
4 corporation of the State of Delaware having a place of business at 4440 El Camino
5 Real, Los Altos, CA 94022, is desirous of acquiring the entire right, title and
6 interest in and to the invention and in and to any letters patent that may be granted
7 therefor in the United States and in any and all foreign countries;

8 NOW, THEREFORE, in exchange for good and valuable consideration, the
9 receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and
10 transfer unto ASSIGNEE, the entire right, title and interest in and to said
11 invention, said application and any and all letters patent which may be granted for
12 said invention in the United States of America and its territorial possessions and in
13 any and all foreign countries, and in any and all divisions, reissues and
14 continuations thereof, including the right to file foreign applications directly in the
15 name of ASSIGNEE and to claim priority rights deriving from said United States
16 application to which said foreign applications are entitled by virtue of international
17 convention, treaty or otherwise, said invention, application and all letters patent on
18 said invention to be held and enjoyed by ASSIGNEE and its successors and
19 assigns for their use and benefit and of their successors and assigns as fully and
20 entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this
21 assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize
22 and request the Commissioner of Patents and Trademarks to issue all letters patent
23 on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments
24 and documents required for the making and prosecution of applications for United
25 States and foreign letters patent on said invention, for litigation regarding said

1 letters patent, or for the purpose of protecting title to said invention or letters
2 patent therefor.

3 * * * * *

4 June 21, 2001 Huey M. Nguyen
Date Huey M. Nguyen

5 State of California)
6 County of Santa Clara } ss.

7 I certify that I know or have satisfactory evidence that Huey M. Nguyen is the person
8 who appeared before me, and said person acknowledged that he or she signed this
9 instrument and acknowledged it to be his or her free and voluntary act for the uses
and purposes mentioned in the instrument.

10 Dated June 21, 2001



11 Signature of Michiko Sites
Notary Public

12 My appointment expires Oct. 8, 2003

13 * * * * *

14
15 6/21/01 Benedict C. Lau
16 Date Benedict C. Lau

17 State of California)
18 County of Santa Clara } ss.

19 I certify that I know or have satisfactory evidence that Benedict C. Lau is the person
20 who appeared before me, and said person acknowledged that he or she signed this
21 instrument and acknowledged it to be his or her free and voluntary act for the uses
and purposes mentioned in the instrument.

22 Dated June 21, 2001



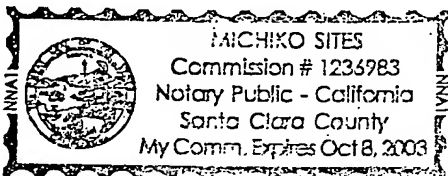
23 Signature of Michiko Sites
Notary Public

24 My appointment expires Oct. 8, 2003

1 6/21/2001
2 Date Leung Yu

3 State of California)
4 County of Santa Clara) ss.

5 I certify that I know or have satisfactory evidence that Leung Yu is the person who
6 appeared before me, and said person acknowledged that he or she signed this
7 instrument and acknowledged it to be his or her free and voluntary act for the uses
8 and purposes mentioned in the instrument.

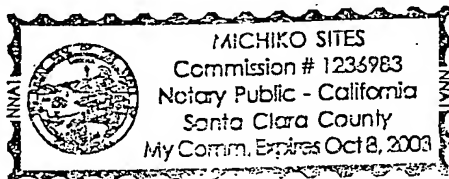


9 Dated June 21, 2001
10 Signature of Michiko Sites
11 Notary Public
12 My appointment expires Oct. 8, 2003

13 6/21/2001
14 Date Jade M. Kizer

15 State of California)
16 County of Santa Clara) ss.

17 I certify that I know or have satisfactory evidence that Jade M. Kizer is the person
18 who appeared before me, and said person acknowledged that he or she signed this
19 instrument and acknowledged it to be his or her free and voluntary act for the uses
20 and purposes mentioned in the instrument.



21 Dated June 21, 2001
22 Signature of Michiko Sites
23 Notary Public
24 My appointment expires Oct. 8, 2001

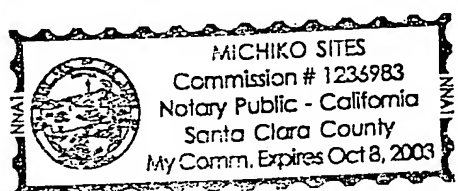
Roxanne T. Vu
Roxanne T. Vu

06/21/01
Date

State of California)
County of Santa Clara) ss.

I certify that I know or have satisfactory evidence that Roxanne T. Vu is the person who appeared before me, and said person acknowledged that he or she signed this instrument and acknowledged it to be his or her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated June 21, 2001



Signature of Michiko Sites
Notary Public

My appointment expires Oct 8, 2003